Special Issue

Massive and Reliable Sensor Communications with LPWANs Technologies

Message from the Guest Editors

This Special Issue will cover the latest breakthroughs in LP-WAN technologies and highlight their ability, or not, to survive in the face of 5G. All issues related to LP-WANs are welcome for submission, with a special interest in LoRa technology. Topics can range from more theoretical aspects to deployments and experiments. Keywords

- LPWAN
- Massive access
- Reliability
- Chirp spread spectrum
- LoRa technology
- Alternative LoRa-based MAC protocols
- LoRa architectures for the Internet of Things
- Non-orthogonal multiple access
- Interference
- Deterministic access
- Security
- Implementation, deployment, and experiments
- Energy autonomy, life duration
- Energy harvesting
- Network architecture
- Resilience

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Deadline for manuscript submissions

closed (15 December 2020)

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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